

MPST Antibody (N-term)

Catalog_no :	AB2532
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:24-53
Specificity :	This MPST antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human MPST.
Dilution :	WB,1:1000;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	3-mercaptopyruvate sulfurtransferase, MST, MPST, TST2
Isotype :	Rabbit Ig
Background :	MPST catalyzes the transfer of a sulfur ion from 3-mercaptopyruvate to cyanide or other thiol compounds. It may be involved in cysteine degradation and cyanide detoxification. There is confusion in literature between this protein (mercaptopyruvate sulfurtransferase, MPST), which appears to be cytoplasmic, and thiosulfate sulfurtransferase (rhodanese, TST, GeneID:7263), which is a mitochondrial protein. Deficiency in MPST activity has been implicated in a rare inheritable disorder known as mercaptolactate-cysteine disulfiduria (MCDU).
reference :	Billaut-Laden,I, Toxicol. Lett. 165 (2), 101-111 (2006)